

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

Claim 1 (withdrawn): A method for neutralizing the anti-coagulant effect of heparin comprising administering to a subject an effective amount of a heparin binding BPI protein product.

Claim 2 (canceled).

Claim 3 (withdrawn): A method for neutralizing the anti-coagulant effect of heparin in a fluid sample comprising contacting said sample with an effective amount of heparin binding BPI protein product.

Claim 4 (canceled).

Claim 5 (currently amended): A method for inhibiting endothelial cell proliferation comprising contacting endothelial cells with ~~administering to a subject~~ an amount of a BPI protein product effective to inhibit proliferation.

Claim 6 (withdrawn): A method of treating endometriosis comprising administering an amount of BPI to the endometrium effective to inhibit endothelial cell proliferation.

Claim 7 (withdrawn): A method for contraception comprising administering to a subject an amount of a BPI protein product to the uterine lining effective to prevent endothelial cell proliferation associated with implantation of a fertilized ovum.

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Claim 8 (withdrawn): A method for inhibiting malignant tumor cell proliferation comprising administering to a subject an amount of a BPI protein product effective to inhibit proliferation.

Claim 9 (withdrawn): The method of claim 8 wherein the malignant tumor is Kaposi's sarcoma.

Claim 10 (withdrawn): A method for treating a chronic inflammatory disease state comprising administering to a subject an amount of a BPI protein product effective to reduce inflammation.

Claim 11 (withdrawn): The method of claim 10 wherein the chronic inflammatory disease is arthritis.

Claim 12 (withdrawn): The method of claim 11 wherein the arthritic inflammatory disease state is rheumatoid arthritis.

Claim 13 (withdrawn): The method of claim 11 wherein the arthritic inflammatory disease state treated is reactive arthritis.

Claim 14 (currently amended): The method of claim[[s 1, 2,]]5 [[6, 7, 8 and 10]] wherein the BPI protein product is a 23-25 kD amino-terminal fragment of bactericidal/permeability-increasing protein.

Claim 15 (canceled).

Claim 16 (original): The method of claim 15 wherein the angiogenesis inhibited is associated with ocular retinopathy.

Claim 17 (canceled).

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Claim 18 (withdrawn): A method of treating endometriosis comprising administering an amount of BPI to the endometrium effective to inhibit endothelial cell proliferation.

Claim 19 (withdrawn): A method for contraception comprising administering to a subject an amount of a BPI protein product to the uterine lining effective to prevent endothelial cell proliferation associated with implantation of a fertilized ovum.

Claim 20 (withdrawn): A method of inhibiting malignant tumor cell proliferation comprising administering to a subject an amount of a BPI protein product effective to inhibit proliferation.

Claim 21 (withdrawn): The method of claim 20 wherein the malignant tumor is Kaposi's sarcoma.

Claim 22 (canceled).